

Title (en)  
PROTECTED LENGTH MEASURING SYSTEM

Title (de)  
GESCHUTZTES LANGENMESSSYSTEM

Title (fr)  
SYSTEME DE MESURE DE LONGUEUR PROTEGE

Publication  
**EP 1554545 A1 20050720 (DE)**

Application  
**EP 03753501 A 20031002**

Priority  
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Abstract (en)  
[origin: WO2004038338A1] Disclosed is a length measuring system which measures relative movements between a first and a second machine part (21, 28) and comprises a scanning head (13) and a measuring rod (1) that is scanned thereby. Said scanning head (13) can be mounted in a fixed manner on the first machine part (21) while the measuring rod (1) can be connected to the second machine part (28) in the final assembled state of the length measuring system, the measuring rod (1) being fixed within a profiled part (2) which can be mounted in a fixed manner on the second machine part in the final assembled state and into which the scanning head (13) extends. The scanning head (13) is preadjusted and detachably connected to the profiled part (2) via a removable mounting element (18, 19) in a preparatory state for final assembly, or said scanning head (13) extends into the profiled part (2) without resting thereupon in the final assembled state.

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IPC 8 full level  
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